



Memorandum

To: Chief Academic Officers and Provosts

From: Dr. Paula Compton, Associate Vice Chancellor, Ohio Articulation and Transfer Network

Date: September 26, 2022

Subject: Industry Recognized Credential Transfer Assurance Guide (ITAG): Computer Aided Design/Drafting (CAD)

I am pleased to announce a new Industry Recognized Credential Transfer Assurance Guide (ITAG) for Computer Aided Design/Drafting (CAD).

ITAGs are a statewide transfer initiative that guarantees the award of college-level credit to students earning agreed-upon industry-recognized credentials. The ITAG policy was approved by the Chancellor in February 2021. Students meeting credentialing requirements, regardless of where the learning was achieved, will be eligible to earn credit for specified courses deemed equivalent by faculty and endorsed by Ohio's public institutions of higher education. To reduce variability in the transfer credit evaluation and application process, a set of college-level learning outcomes will be established for each ITAG. The learning outcomes, which will be aligned with applicable third-party program accreditation, credentialing, and/or other industry standards, will be vetted by faculty and industry as needed.

This memo provides an overview of the CAD ITAG, outlines the endorsement process, and addresses expected compliance of postsecondary institutions.

Computer Aided Design/Drafting (CAD) ITAG Endorsement

All ITAG panels comprise postsecondary faculty, industry representatives as needed, and educators from Ohio Technical Centers (OTCs) and/or Secondary Career-Technical Centers. All panel members are listed on the last page of the attached ITAG document. The Computer Aided Design/Drafting Transfer Assurance Guide (TAG) course (OET012) and Career-Technical Assurance Guide (CTAG) course (CTMET005) share a set of learning outcomes that were endorsed by the state through a panel collaboration and statewide survey. For both initiatives, institutions have submitted documentation demonstrating how their courses meet the OET012 and CTMET005 learning outcomes.

Submissions are reviewed and approved by a faculty panel of experts. The TAG guarantees statewide transfer of credit for introductory CAD courses between Ohio's public colleges and universities, while the CTAG awards college credit to students who complete an aligned secondary course at an approved institution and receive a qualifying score on the end-of-course exam.

The same learning outcomes for the TAG and CTAG were used in the development of the ITAG. An endorsement survey for the ITAG was sent to the Chief Academic Officers and Provosts of all 36 Ohio institutions of higher learning in July 2022, inviting faculty experts to review and comment on the statewide learning outcomes and the alignment of the Autodesk and SOLIDWORKS certifications. Based on the results of the survey, the ITAG panel recommended to ODHE that the Computer Aided Design/Drafting ITAG be approved.



Department of
Higher Education

Mike DeWine, Governor
Randy Gardner, Chancellor

Computer Aided Design/Drafting ITAG

The Computer Aided Design/Drafting ITAG allows individuals meeting the requirements below to transfer 3 semester hours of equivalent coursework to an Ohio public institution of higher education, regardless of where the student received the education to prepare for the credentialing exam. To be eligible for credit, students must show proof of earning one of the following certifications:

1. Autodesk Certified Associate in CAD for Mechanical Design
2. Autodesk Certified Professional in Inventor for Mechanical Design
3. Certified SOLIDWORKS Associate in Mechanical Design
4. Certified SOLIDWORKS Professional in Mechanical Design

Secondary students can continue to access credit via the CTAG by completing an approved secondary course and earning the required score on the end-of-course exam. More information on requirements for credit can be found on the attached ITAG document.

Compliance Expectations

The CAD ITAG shares a common set of learning outcomes with the CAD CTAG and TAG, and institutions should continue to submit courses in the Course Equivalency Management System (CEMS) through the TAG approval process. Expected compliance for the CAD ITAG can be viewed using the following link:

<https://transfercredit.ohio.gov/educational-partners/educational-partner-initiatives/itags/itags-compliance>

All courses that are approved for the CAD TAG course (OET012) will continue to be automatically approved for the CAD CTAG (CTMET005) and now also for the CAD ITAG (ITMET005). ITMET005 approval for institutions that already have TAG approval for OET012 has already been processed in CEMS, with an effective date of Autumn 2022.

For questions about course equivalency and institutional compliance expectations for the Computer Aided Design/Drafting ITAG, please contact the following ODHE staff:

- Ben Parrot, Senior Associate Director of Secondary Career-Technical Alignment Initiative Implementation (BParrot@highered.ohio.gov)
- Nikki Wearly, ODHE Director of Career-Technical Education Transfer Initiatives (NWearly@highered.ohio.gov)